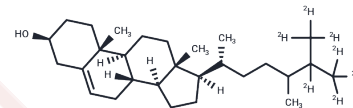


(24Rac)-Campesterol-D7

Chemical Properties

CAS No. :	2483832-11-5
Formula:	C ₂₈ H ₄₁ D ₇ O
Molecular Weight:	407.72
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	(24Rac)-Campesterol-D7 is a deuterated compound of (24Rac)-Campesterol. (24Rac)-Campesterol has a CAS number of 474-62-4. Campesterol is a plant sterol with cholesterol lowering and anticarcinogenic effects, it and other plant sterols often decrease LDL cholesterol levels overall. Campesterol has anti-inflammatory effect, it inhibits several pro-inflammatory and matrix degradation mediators typically involved in osteoarthritis- induced cartilage degradation, also sometimes used to treat some specific prostate conditions.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4527 mL	12.2633 mL	24.5266 mL
5 mM	0.4905 mL	2.4527 mL	4.9053 mL
10 mM	0.2453 mL	1.2263 mL	2.4527 mL
50 mM	0.0491 mL	0.2453 mL	0.4905 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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